

CLAIMS

1. A timepiece displaying the day of the month, characterized in that it comprises:
 - 5 - two rotating disks (22, 24), at least partially overlapping, serving to display respectively the units and the tens of the days of the month, which support, regularly distributed on a peripheral ring, the series of digits 0 to 9 and the series
10 of digits 0, 1, 2, 3, 3, and are disposed in such a way as to present in juxtaposition the digits of the one with those of the other, and
 - a mechanism for rotating these disks so that said juxtaposed digits provide an indication of the day
15 of the month.
2. The timepiece according to claim 1, characterized in that said mechanism comprises:
 - a first crown wheel (12) driven to make one
20 revolution in thirty-one days by progressing by one step per day around midnight,
 - an additional crown wheel (14) attached to the first and possessing thirty regularly spaced teeth with the exception of two of them separated by a
25 double space which corresponds to the absence of one tooth,
 - a pinion with ten teeth (28) integral with the units disk (22) and driven by the teeth of the additional crown wheel (14),
 - 30 - a wheel with thirty-one teeth (32) engaging with said pinion (28),
 - a wheel (38) attached to the wheel with thirty-one teeth (32) and having a first (A), a second (B), a third (C) and a fourth (D) lugs distributed such
35 that the angles between the first (A) and the second (B), the second (B) and the third (C), the

fourth (D) and the first (A) are substantially 116° and that the angle between the third (C) and the fourth (D) is substantially 11.6° , and

- 5 - a pinion with five teeth (40) integral with the tens disk (24) and driven by said lugs (A, B, C, D), which has an additional tooth (44) disposed in order to be driven by the teeth of the additional crown wheel (14).

- 10 3. The timepiece according to claim 2, characterized in that the two disks (22, 24) have the same radius r and in that the spindles of the pinions (28, 40) integral with these disks are separated by a distance substantially equal to $2(r-e)$, e being the
15 width of the rings supporting the digits of the units and of the tens.

- 4. The timepiece according to any of claims 2 and 3, characterized in that each of said pinions (28, 40)
20 is associated with a jumper (30, 42) serving to position it.

- 5. The timepiece according to any of claims 1 to 4, characterized in that the units disk (22) is
25 slightly lower than the tens disk (24), which partially overlaps it in order to interact to present in juxtaposition the digits of their respective rings and is pierced, to the right of each of its digits, with an aperture (26) allowing
30 the units digits beneath it to be seen.